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PATENT
19603/461 (CRF D-1595A)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Barany et al.

Serial No.: 08/794,851

Filed : February 4, 1997

For : DETECTION OF NUCLEIC ACID
SEQUENCE DIFFERENCES USING THE
LIGASE DETECTION REACTION WITH
ADDRESSABLE ARRAYS

Examiner:
Unknown

Art Unit:
1815

#6 FR
10/30/97

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 CFR §§ 1.97-1.98, Applicants hereby
bring to the attention of the United States Patent and
Trademark Office, the enclosed references listed on the
attached PTO-1449 form.

Respectfully submitted,

Dated: September 26, 1997

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on the date below.	
9/26/97 Date	Wendy L. Harrold Wendy L. Harrold

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 19603/461 (CRF D-1595A)	SERIAL NO. 08/794,851
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Barany et al.	
(use several sheets if necessary)		FILING DATE February 4, 1997	GROUP 1815
(PTO-1449)			

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	RECEIVED SUBCLASS	FILING DATE IF APPRO- PRIATE
	1	5,525,464	06/11/96	Drmanac et al.		OCT 8 / 1997	
	2	5,412,087	05/02/95	McGall et al.		SEP 11 1997	
	3	4,883,750	11/28/89	Whiteley et al.			
	4	4,683,202	07/28/87	Mullis et al.			
						RECEIVED OCT 8 / 1997	
						SEP 11 1997	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION IF APPRO- PRIATE

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	5	Reynolds et al., "Analysis of Genetic Markers in Forensic DNA Samples Using the Polymerase Chain Reaction," Anal. Chem., 63:2-15 (1991))
	6	Buyse et al., "Rapid DNA Typing of Class II HLA Antigens Using the Polymerase Chain Reaction and Reverse Dot Blot Hybridization," Tissue Antigens, 41:1-14 (1993)
	7	Gyllensten et al., "PCR-Based HLA Class II Typing," PCR Meth. Appl. 1:91-98 (1991)
	8	Chamberlain et al., "Deletion Screening of the Duchenne Muscular Dystrophy Locus Via Multiplex DNA Amplification," Nucleic Acids Res., 16:11141-56 (1988)
	9	L. C. Tsui, Mutations and Sequence Variations Detected in the Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) Gene: A Report From the Cystic Fibrosis Genetic Analysis Consortium," Human Mutat., 1:197-203 (1992)
EXAMINER		DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 6 9; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	Barany et al.	
	FILING DATE	GROUP
	February 4, 1997	1815

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FOREIGN PATENT DOCUMENTS

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		10	Hollstein et al., "p53 Mutations in Human Cancers," <u>Science</u> , 253:49-53 (1991)
		11	R.K. Saiki, et al., "Enzymatic Amplification of β Globin Genomic Sequences and Restriction Site Analysis for Diagnosis of Sickle Cell Anemia," <u>Science</u> 230:1350 (1985)
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		13	Landegren, et al., "A Ligase-Mediated Gene Detection Technique," <u>Science</u> 241:1077-80 (1988)
		14	Winn-Deen, et al., "Sensitive Fluorescence Method for Detecting DNA Ligation Amplification Products," <u>Clinical Chemistry</u> , 37(9):1522-23 (1991)
		15	F. Barany, "Genetic Disease Detection and DNA Amplification Using Cloned Thermostable Ligase," <u>Proc. Nat'l Acad. Sci. USA</u> , 88:189-93 (1991)
		16	F. Barany, "The Ligase Chain Reaction in a PCR World," <u>PCR Methods and Applications</u> , 1:5-16 (1991)
		17	Gibbs et al., "Detection of Single DNA Base Differences by Competitive Oligonucleotide Priming," <u>Nucleic Acids Res.</u> , 17:2437-48 (1989)
		18	F.F. Chehab, et al., "Detection of Specific DNA Sequences by Fluorescence Amplification: A Color Complementation Assay," <u>Proc. Natl. Acad. Sci. USA</u> , 86:9178-82 (1989)
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		20	Nickerson et al., "Automated DNA Diagnostics Using an ELISA-Based Oligonucleotide Ligation Assay," <u>Proc. Natl. Acad. Sci. USA</u> , 87:8923-27 (1990)
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